Javier Cabrera Gonzalez

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OBJECTIVE

A relentless problem-solver engineer looking for a DevOps opportunity with emphasis on technical challenges and growth.

SUMMARY OF QUALIFICATIONS

- Five years experience of working on DevOps
- Proven skills in writing Terraform modules for AWS and Hashicorp Vault
- Experienced with creating AMIs using Packer and Ansible on AWS
- Used Jenkins to create CI/CD pipelines for deploying and testing code
- Professional communication skills include fluency in English and Spanish
- Knowledgeable at writing Bash and Python scripts
- Highly competent working with AWS
- Skillful at troubleshooting networking issues
- Accomplished at writing dockerfiles for different uses
- Familiar with working with different Linux environments and distributions

EDUCATION

IT & Co-Op Certificate   *Apr 2018 - Dec 2020*
Canadian College, Vancouver, British Columbia

Bachelor of Mechatronics Engineering   *Aug 2011 - Dec 2015*
Monterrey Institute of Technology and Higher Education

CompTIA A+   *2019*

Certified Hashicorp Implementation Partner (CHIP) Vault Enterprise   *2020*

Certified Hashicorp Implementation Partner (CHIP) Terraform Enterprise   *2021*

SKILLS

- Adaptability
- Problem Solving
- Consul
- Packer
- Terraform

- Bash
- Ansible
- Puppet
- Docker
- Go

- Vagrant
- Jenkins
- ConcourseCI
- DroneCI
- AWS
- Azure
- GCP
- Postgres DB

- Python
- Grafana
- InfluxDB
- Telegraf
- Collaboration
- GitHub.com
- Gitlab.com
- BitBucket.com
- Yaml
- SQL DB

PROFESSIONAL EXPERIENCE

DevOps Engineer   Jun 2020 – March 2024
DigitalOnUs by Tech Mahindra, Vancouver, Canada

- Wrote IaC scripts using Terraform to manage infrastructure on AWS
- Wrote Terraform Modules to standardize AWS infrastructure
- Implemented automated Jenkins pipelines that include syntax validation and testing of Terraform modules
- Deployed Vault Clusters in different environments such as Dev, QA and Production on AWS
- Wrote Policy as Code scripts for security checks using Hashicorp Sentinel to prevent misuse of Terraform Modules
- Created automated pipelines using Jenkins to validate and test AMI's using Terragrunt
- Advised clients on best practices when it comes to developing cycles and DevOps practices
- Developed Ansible Roles to configure AMIs using Packer
- Created pipelines, both using Jenkins and ConcourseCI, to create AMI's periodically or when changes are pushed to a repository
- Developed codebase to deploy a Vault Cluster using both Consul and Integrated Storage using both Terraform and Ansible
- Developed Ansible Role to install and configure Vault on an AMI to be used with an autoscaling Group
- Created an array of Terraform Modules to configure Vault. This modules included features such as: Venafi, OIDC, K8s, Database, among others
- Reversed engineered applications' installation in order to reproduce and developed an Ansible roles and Bash to automate the process
- Used Vagrant Virtual Machines to test and replicate the installation of said reversed engineered installations
- Created Docker container that contained all the necessary packages to run scripts in charge of auditing Vault Cluster

- Worked on supporting teams to integrate their applications to store and retrieve secrets to different environments and applications
- Created Python and Bash scripts to audit Vault and create reports and email reports to concerned parties
- Designed Concourse CI pipelines that ran auditing scripts and stored away results weekly.
- Used Packer and Concourse to create a pipeline that used an SSH agent to connect to EC2 instances and create AMI's.
- Supported applications as part of a multinational 24x7 team that performed SRE operations for production environments.
- Used tools such as Kibana to debug production issues using queries and an assortment of DevOps tools.
- Took advantage of Grafana dashboards to diagnose issues within Kubernetes containers.
- Administered infrastructure using Kubernetes platforms such as Openshift and Rancher with AKS.

Independent Contractor   Sep 2019 – Dec 2019
DigitalOnUs, Vancouver, Canada

- Created images with Packer to be used on different cloud service providers such as AWS and GCP
- Deployed a DroneCI server to be used as a pipeline to create binaries and upload them to S3
- Created a demo showing the capabilities of a service mesh using Consul, which was deployed using Vagrant and Consul. Demo also included a Grafana dashboard that showed Consul related telemetrics.
- Worked on a Vault cluster on GCP which was deployed using Terraform and used images created with Packer and Bash
- Created a Vault Cluster demo using Consul as backend. The demo showed the capabilities of Vault

Chief Operating Officer   Jan 2016 – Oct 2017
Tinkerware, Zacatecas, México

- Self learned several open source technologies
- Adapted to an unfamiliar environment
- Designed tool using Golang to measure for the response time of a binary then reported results to a PostgreSQL database
- Recreated client's environment using Vagrant and VirtualBox for developer's use
- Recreated Linux virtual environments using Vagrant and Ansible
- Configured virtual networks of VM's in VirtualBox
- Designed, tested and optimized methodology to look up possible clients

- Contacted possible clients in order to achieve making an appointment using cold emails techniques
- Implemented Startup techniques in the company

VOLUNTEER EXPERIENCE

Online High School Tutor   Jan 2014 – Jan 2015
Prepanet, Aguascalientes, México

- Graded and corrected homework submitted by students
- Cleared doubts students could have about the course
- Met once a month with students to clarify doubts